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## Freeform Search

<b>Database:</b>	US Pre-Grant Publication Full-Text Database
	US Patents Full-Text Database
	US OCR Full-Text Database
	EPO Abstracts Database
	JPO Abstracts Database
	Derwent World Patents Index
	IBM Technical Disclosure Bulletins
<b>Term:</b>	L31 and (pressure or force or vacuum or stress)
<b>Display:</b>	10 Documents in Display Format: - Starting with Number 1
<b>Generate:</b> <input type="radio"/> Hit List <input checked="" type="radio"/> Hit Count <input type="radio"/> Side by Side <input type="radio"/> Image	

Search

Clear

Interrupt

## Search History

DATE: Tuesday, April 25, 2006 [Printable Copy](#) [Create Case](#)

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name result set</u>
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>			
<u>L32</u>	L31 and (pressure or force or vacuum or stress)	30	<u>L32</u>
<u>L31</u>	L29 and (heat\$3 or thermal energy or infrared energy or IR)	45	<u>L31</u>
<u>L30</u>	L29 and (heat\$3)	45	<u>L30</u>
<u>L29</u>	L28 and (internal defect or internal crack\$3 or internal flaw or internal debond\$3 or delaminat\$3 or internal void\$1 or subsurface defect or kissing unbond\$3 or kissing debond\$3)	76	<u>L29</u>
<i>DB=PGPB,USPT,USOC,EPAB,JPAB; PLUR=YES; OP=ADJ</i>			
<u>L28</u>	(73/150R,150A,799,827;374/120,121,124)![CCLS]	3620	<u>L28</u>
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>			
<u>L27</u>	L8 and (energy discontinuity)	0	<u>L27</u>
<u>L26</u>	L8 and (heat discontinuity)	0	<u>L26</u>
<u>L25</u>	L7 and (thermal discontinuity)	3	<u>L25</u>
<u>L24</u>	L7 and (disrupt adj5 heat or interrupt adj5 heat or stop adj5 heat)	12	<u>L24</u>
<u>L23</u>	L7 and (disrupt adj5 energy or interrupt adj5 energy or stop adj5 energy)	3	<u>L23</u>
<u>L22</u>	L7 and (disrupt adj5 flow or interrupt adj5 flow or stop adj5 flow)	25	<u>L22</u>

<u>L21</u>	L17 and (internal defect or internal crack\$3 or internal flaw or internal debond\$3 or delaminat\$3 or internal void\$1)	3	<u>L21</u>
<u>L20</u>	L17 and (internal defect or internal crack\$3 or internal flaw or internal debond\$3 or delaminat\$3)	3	<u>L20</u>
<u>L19</u>	L17 and (subsurface)	2	<u>L19</u>
<u>L18</u>	L17 and (sub adj 1 surface)	0	<u>L18</u>
<u>L17</u>	L7 and (vacuum adj 5 chamber)	78	<u>L17</u>
<u>L16</u>	L7 and (electrostatic chuck)	5	<u>L16</u>
<u>L15</u>	L8 and (vary\$3 pressure or vary\$3 force)	9	<u>L15</u>
<u>L14</u>	L8 and (vacuum enclosure or vacuum chamber or sealed enclosure)	11	<u>L14</u>
<u>L13</u>	L8 and (vacuum enclosure or vacuum chamber)	11	<u>L13</u>
<i>DB=PGPB,USPT,USOC,EPAB,JPAB; PLUR=YES; OP=ADJ</i>			
<u>L12</u>	L11 and (force or vacuum or pressure)	67	<u>L12</u>
<u>L11</u>	L10 and (heat\$3)	120	<u>L11</u>
<u>L10</u>	L8 and (non adj 1 destructive\$2)	193	<u>L10</u>
<u>L9</u>	L8 and (subsurface)	60	<u>L9</u>
<u>L8</u>	L7 and (defect or flaw or crack\$3 or unbond\$3 or debond\$3 or delaminat\$3 or thermal discontinuity)	1048	<u>L8</u>
<u>L7</u>	(374/4,5,6,7,45,50,55,57,49,43;73/598.5;702/33,34,35,40;252/960)![CCLS]	3929	<u>L7</u>
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>			
<u>L6</u>	L1 and (sealed enclosure)	0	<u>L6</u>
<u>L5</u>	L2 and (sealed enclosure)	0	<u>L5</u>
<i>DB=USPT; PLUR=YES; OP=ADJ</i>			
<u>L4</u>	4702594.pn. and (heat\$3)	1	<u>L4</u>
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>			
<u>L3</u>	L2 and (vacuum test)	0	<u>L3</u>
<u>L2</u>	(subsurface defect or subsurface crack\$3 or subsurface flaw) and (heat\$3) and (force or vacuum or pressure) and (crack\$3 or unbond\$3 or delaminat\$3)	176	<u>L2</u>
<u>L1</u>	(kissing unbond or kissing defect or subsurface defect) and (heat\$3) and (force or vacuum or pressure)	154	<u>L1</u>

END OF SEARCH HISTORY